

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	277	octadecenol or eicosenol or docosenol or tetracosenol or hexacosenol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 12:02
L2	255516	viral or virus	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 12:02
L3	25	L1 and L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 12:07
L4	355164	"fatty acid"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 12:07
L5	39594	L2 and L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 12:07
L6	183	L1 and L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 12:09
L7	495289	"unsaturated"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 12:09
L8	117689	L4 and L7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 12:09
L9	12165	L8 and L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 12:09

EAST Search History

L10	18	L1 and L9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 12:10
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EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	20	"585057"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 13:37
L2	24	"585058"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 13:38
L3	77912	"oleic acid"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 13:38
L4	255516	viral or virus	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 13:38
L5	11276	L3 and L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 13:39
L6	12	"9602244"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 13:39

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NEWS 3 JAN 16 CA/Caplus Company Name Thesaurus enhanced and reloaded
NEWS 4 JAN 16 IPC version 2007.01 thesaurus available on STN
NEWS 5 JAN 16 WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS 6 JAN 22 CA/Caplus updated with revised CAS roles
NEWS 7 JAN 22 CA/Caplus enhanced with patent applications from India
NEWS 8 JAN 29 PHAR reloaded with new search and display fields
NEWS 9 JAN 29 CAS Registry Number crossover limit increased to 300,000 in
multiple databases
NEWS 10 FEB 15 PATDPASPC enhanced with Drug Approval numbers
NEWS 11 FEB 15 RUSSIAPAT enhanced with pre-1994 records
NEWS 12 FEB 23 KOREAPAT enhanced with IPC 8 features and functionality
NEWS 13 FEB 26 MEDLINE reloaded with enhancements
NEWS 14 FEB 26 EMBASE enhanced with Clinical Trial Number field
NEWS 15 FEB 26 TOXCENTER enhanced with reloaded MEDLINE
NEWS 16 FEB 26 IFICDB/IFIPAT/IFIUDB reloaded with enhancements
NEWS 17 FEB 26 CAS Registry Number crossover limit increased from 10,000
to 300,000 in multiple databases
NEWS 18 MAR 15 WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS 19 MAR 16 CASREACT coverage extended
NEWS 20 MAR 20 MARPAT now updated daily
NEWS 21 MAR 22 LWPI reloaded
NEWS 22 MAR 30 RDISCLOSURE reloaded with enhancements
NEWS 23 MAR 30 INPADOCDB will replace INPADOC on STN
NEWS 24 APR 02 JICST-EPLUS removed from database clusters and STN

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'CAPLUS' ENTERED AT 12:27:29 ON 23 APR 2007

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FILE COVERS 1907 - 23 Apr 2007 VOL 146 ISS 18

FILE LAST UPDATED: 22 Apr 2007 (20070422/ED)

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=> s fatty acid or long chain acid

380807 FATTY

14 FATTIES

380811 FATTY

(FATTY OR FATTIES)

4356028 ACID

1570124 ACIDS

4853113 ACID

(ACID OR ACIDS)

336605 FATTY ACID

(FATTY(W)ACID)

785299 LONG

23 LONGS

785320 LONG

(LONG OR LONGS)

711444 CHAIN

317494 CHAINS

898157 CHAIN

(CHAIN OR CHAINS)

4356028 ACID

1570124 ACIDS

4853113 ACID

(ACID OR ACIDS)

468 LONG CHAIN ACID

(LONG(W)CHAIN(W)ACID)

L1 336828 FATTY ACID OR LONG CHAIN ACID

=> s unsturated

L2 3 UNSTURATED

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=> s unsaturated
      56753 UNSATURATED
        1 UNSATURATEDS
      56754 UNSATURATED
        (UNSATURATED OR UNSATURATEDS)
      226879 UNSATD
        13 UNSATDS
      226882 UNSATD
        (UNSATD OR UNSATDS)
L3      241787 UNSATURATED
        (UNSATURATED OR UNSATD)
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=> s L1 and L3
L4      41203 L1 AND L3
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=> s viral or virus
      169354 VIRAL
        16 VIRALS
      169366 VIRAL
        (VIRAL OR VIRALS)
      360011 VIRUS
        76142 VIRUSES
      373487 VIRUS
        (VIRUS OR VIRUSES)
L5      409417 VIRAL OR VIRUS
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L6      193 L4 AND L5
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PROCESSING COMPLETED FOR L6
L7      193 DUP REM L6 (0 DUPLICATES REMOVED)
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      21882635 PY<2002
      3645085 PRY<2002
L8      149 L6 AND (AY<2002 OR PY<2002 OR PRY<2002)
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=> d 1-10 ibib abs
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L8      ANSWER 1 OF 149  CAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:      2005:985327  CAPLUS
DOCUMENT NUMBER:      143:260368
TITLE:      Method and composition using pyruvates and
              α-keto acids for treating mammalian diseases and
              injuries caused by the overexpression of peroxynitrite
INVENTOR(S):      Martin, Alain
PATENT ASSIGNEE(S):  USA
SOURCE:      U.S. Pat. Appl. Publ., 24 pp., Cont.-in-part of U.S.
              Ser. No. 747,963.
              CODEN: USXXCO
DOCUMENT TYPE:      Patent
LANGUAGE:      English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:
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PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005197397	A1	20050908	US 2005-56759	20050211
US 2003105162	A1	20030605	US 2002-205354	20020725 <--
US 2004220265	A1	20041104	US 2003-747963	20031230
WO 2006086643	A1	20060817	WO 2006-US4753	20060210

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,

CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
 GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,
 KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX,
 MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE,
 SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,
 VN, YU, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
 CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
 GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.:

US 2002-205354 A2 20020725
 US 2003-747963 A2 20031230
 US 2001-313871P P 20010821 <--
 US 2002-205353 A2 20020725
 WO 2002-US26060 A 20020815
 US 2005-56759 A 20050211

AB The invention provides a method for treating wounds and diseases in mammals, caused by mammalian cells involved in an inflammatory response, by altering indigenous in vivo levels of peroxynitrous acid, and salts thereof. The method comprises contacting the mammalian cells with a therapeutically effective amount of a reactive oxygen species mediator, wherein the reactive oxygen species mediator is selected from the group consisting of pyruvates, pyruvate precursors, α -keto acids having four or more carbon atoms, precursors of α -keto acids having four or more carbon atoms, and the salts thereof, wherein mediation of reactive oxygen species results in mediation of peroxynitrous acid. The invention further provides a pharmaceutical composition for treating wounds and diseases in mammals, caused by mammalian cells involved in an inflammatory response, by altering indigenous in vivo levels of peroxynitrous acid, and salts thereof.

L8 ANSWER 2 OF 149 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:1134564 CAPLUS
 TITLE: Antivirus agent and anticancer drug
 INVENTOR(S): Son, Nam Youl
 PATENT ASSIGNEE(S): S. Korea
 SOURCE: Repub. Korean Kongkae Taeho Kongbo, No pp. given.
 CODEN: KRXXA7
 DOCUMENT TYPE: Patent
 LANGUAGE: Korean
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
KR 2001089924	A	20011017	KR 2000-12576	20000313 <--
PRIORITY APPLN. INFO.:			KR 2000-12576	20000313 <--

AB PURPOSE: An antivirus agent and an anticancer drug are provided, which have anti-bacteria, anticancer and protection effects by restraining retrovirus, bacteria, fungi and other microorganisms of adult T-cell diabetes, AIDS virus, etc., therefore it can be used as an antivirus agent, an anticancer drug, an anti-bacteria agent, a bactericide, and a pesticide without side effects. CONSTITUTION: Active principles are induced from unsaturated fatty acid by carefully selecting and washing sesame, drying with moisture 15%, and pressuring and extracting without heating, and induced from alkali solution by carefully selecting and washing Bistorta manshuriensis KOM., drying in the sun, and extracting in hot water. The composite extraction is obtained from the alkali solution and the unsaturated fatty acid at a ratio of about 1:1 to 1:5. In the extracting process, the amount of water is 5-1000 times of Bistorta manshuriensis KOM. weight and it is processed at 70-100deg.C for 5 minutes to 10 hours. In which the unsaturated fatty

acid is one among protein, amino acid, methionine and calcium, and the alkali solution is one among sennoside of gianthrone, anthraquinone, frangula-emodin, chrysophanic acid and aloe-emodin.

L8 ANSWER 3 OF 149 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:1134231 CAPLUS
TITLE: Antiviral agent and antitumor agent
INVENTOR(S): Son, Nam Youl
PATENT ASSIGNEE(S): S. Korea
SOURCE: Repub. Korean Kongkae Taeho Kongbo, No pp. given
CODEN: KRXXA7
DOCUMENT TYPE: Patent
LANGUAGE: Korean
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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KR 2001083664	A	20010901	KR 2000-7660	20000217 <--
PRIORITY APPLN. INFO.:			KR 2000-7660	20000217 <--

AB PURPOSE: Provided are antiviral and antitumor agents which have an inhibiting effect on retrovirus and destroy malignant tumor(cancer) without causing any side effects. And their preparation is also provided. CONSTITUTION: The antiviral and antitumor agents comprise unsaturated fatty acid extract of sesame and alkaline extract of Polygonatum odoratum. The unsaturated fatty acids are extracted from sesame by compressing without heating to produce an unsaturated fatty acids extract. An extract of Polygonatum odoratum is obtained by dipping the Polygonatum odoratum into hot water and then filtering the water through a sanitary cotton to produce an alkaline extract. The amount of water used for such extraction should be about 5 to 1000 times as much as the weight of Polygonatum odoratum. The unsaturated fatty acid extract of sesame and the alkaline extract of Polygonatum odoratum are mixed a mixing ratio of about 1 to 1-5. The mixed extract is useful for the prevention of HIV, influenza virus, herpes virus, simplex virus, rotavirus and hepatitis virus infections, and the treatment of malignant tumor.

L8 ANSWER 4 OF 149 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:1134230 CAPLUS
TITLE: Antiviral agent and antitumor agent
INVENTOR(S): Son, Nam Youl
PATENT ASSIGNEE(S): S. Korea
SOURCE: Repub. Korean Kongkae Taeho Kongbo, No pp. given
CODEN: KRXXA7
DOCUMENT TYPE: Patent
LANGUAGE: Korean
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
KR 2001083663	A	20010901	KR 2000-7659	20000217 <--
PRIORITY APPLN. INFO.:			KR 2000-7659	20000217 <--

AB PURPOSE: Provided are antiviral and antitumor agents which have an inhibiting effect on retrovirus and destroy malignant tumor(cancer) without causing any side effects. And their preparation is also provided. CONSTITUTION: The antiviral and antitumor agents comprise unsaturated fatty acids extract of sesame and alkaline extract of Ganoderma lucidum. The unsaturated fatty acids are extracted from sesame by compressing without heating to produce an unsaturated fatty acids extract. An extract of Ganoderma lucidum is obtained by

dipping the Ganoderma lucidum into hot water and then filtering the water through a sanitary cotton to produce an alkaline extract. The amount of water used for such extraction should be about 5 to 1000 times as much as the weight of Ganoderma lucidum. The unsaturated fatty acid extract of sesame and the alkaline extract of Ganoderma lucidum are mixed in a mixing ratio of about 1 to 1-5. The mixed extract is useful for the prevention of HIV, influenza virus, herpes virus, simplex virus, rotavirus and hepatitis virus infections, and the treatment of malignant tumor.

L8 ANSWER 5 OF 149 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:1134229 CAPLUS
 TITLE: Antiviral agent and antitumor agent
 INVENTOR(S): Son, Nam Youl
 PATENT ASSIGNEE(S): S. Korea
 SOURCE: Repub. Korean Kongkae Taeho Kongbo, No pp. given
 CODEN: KRXXA7
 DOCUMENT TYPE: Patent
 LANGUAGE: Korean
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
KR 2001083661	A	20010901	KR 2000-7657	20000217 <--
PRIORITY APPLN. INFO.:			KR 2000-7657	20000217 <--

AB PURPOSE: Provided are antiviral and antitumor agents which have an inhibiting effect on retrovirus and destroy malignant tumor(cancer) without causing any side effects. And their preparation is also provided. CONSTITUTION: The antiviral and antitumor agents comprise unsaturated fatty acid extract of sesame and alkaline extract of Lycium chinense. The unsaturated fatty acids are extracted from sesame by compressing without heating to produce an unsaturated fatty acids extract. An extract of Lycium chinense is obtained by dipping the Lycium chinense into hot water and then filtering the water through a sanitary cotton to produce an alkaline extract. The amount of water used for such extraction should be about 5 to 1000 times as much as the weight of Lycium chinense. The unsaturated fatty acids extract of sesame and the alkaline extract of Lycium chinense are mixed in a mixing ratio of about 1 to 1-5. The mixed extract is useful for the prevention of HIV, influenza virus, herpes virus, simplex virus, rotavirus and hepatitis virus infections, and the treatment of malignant tumor.

L8 ANSWER 6 OF 149 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:911691 CAPLUS
 DOCUMENT NUMBER: 142:141194
 TITLE: Antiviral agent and antitumor agent
 INVENTOR(S): Son, Nam Youl
 PATENT ASSIGNEE(S): S. Korea
 SOURCE: Repub. Korean Kongkae Taeho Kongbo, No pp. given
 CODEN: KRXXA7
 DOCUMENT TYPE: Patent
 LANGUAGE: Korean
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
KR 2001083662	A	20010901	KR 2000-7658	20000217 <--
PRIORITY APPLN. INFO.:			KR 2000-7658	20000217 <--

AB Provided are antiviral and antitumor agents which have an inhibiting effect on retrovirus and destroy malignant tumor(cancer) without causing

any side effects. And their preparation is also provided. The antiviral and antitumor agents comprise unsatd. fatty acid extract of sesame and alkaline extract of ginseng. The unsatd. fatty acids are extracted from sesame by compressing without heating to produce an unsatd. fatty acids extract. An extract of ginseng is obtained by dipping the ginseng into hot water and then filtering the water through a sanitary cotton to produce an alkaline extract. The amount of water used for such extraction should be about 5 to 1000 times as much as the weight of ginseng. The unsatd. fatty acid extract of sesame and the alkaline extract of ginseng are mixed in a mixing ratio of about 1 to 1-5. The mixed extract is useful for the prevention of HIV, influenza virus, herpes virus, simplex virus, rotavirus and hepatitis virus infections, and the treatment of malignant tumor.

L8 ANSWER 7 OF 149 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2004:899295 CAPLUS
 DOCUMENT NUMBER: 142:141189
 TITLE: Antiviral agent and antitumor agent
 INVENTOR(S): Son, Nam Youl
 PATENT ASSIGNEE(S): S. Korea
 SOURCE: Repub. Korean Kongkae Taeho Kongbo, No pp. given
 CODEN: KRXXA7
 DOCUMENT TYPE: Patent
 LANGUAGE: Korean
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
KR 2001083660	A	20010901	KR 2000-7656	20000217 <--
PRIORITY APPLN. INFO.:			KR 2000-7656	20000217 <--

AB Provided are antiviral and antitumor agents which have an inhibiting effect on retrovirus and destroy malignant tumor(cancer) without causing any side effects. And their preparation is also provided. The antiviral and antitumor agents comprise unsatd. fatty acid extract of sesame and alkaline extract of Acanthopanax sessiliflorum Semen.

The unsatd. fatty acids are extracted from sesame by compressing without heating to produce an unsatd. fatty acids extract. An extract of Acanthopanax sessiliflorum Semen is obtained by dipping the Acanthopanax sessiliflorum Semen into hot water and then filtering the water through a sanitary cotton to produce an alkaline extract. The amount of water used for such extraction should be about 5 to 1000 times as much as the weight of Acanthopanax sessiliflorum Semen. The unsatd. fatty acid extract of sesame and the alkaline extract of Acanthopanax sessiliflorum Semen are mixed in a mixing ratio of about 1 to 1-5. The mixed extract is useful for the prevention of HIV, influenza virus, herpes virus, simplex virus, rotavirus and hepatitis virus infections, and the treatment of malignant tumor.

L8 ANSWER 8 OF 149 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2004:899120 CAPLUS
 DOCUMENT NUMBER: 142:204546
 TITLE: Antiviral agent and anticancer agent
 INVENTOR(S): Son, Nam Youl
 PATENT ASSIGNEE(S): S. Korea
 SOURCE: Repub. Korean Kongkae Taeho Kongbo, No pp. given
 CODEN: KRXXA7
 DOCUMENT TYPE: Patent
 LANGUAGE: Korean
 FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
KR 2001074416	A	20010804	KR 2000-3526	20000125 <--
PRIORITY APPLN. INFO.:			KR 2000-3526	20000125 <--

AB An antiviral agent and anticancer agent comprising unsatd. fatty acid of sesame and an alkali synthetic extract of Ganoderma lucidum Karst. as an active ingredients are provided, which have an effect on preventing retrovirus infection and treating a malignant tumor. The titled compound comprises unsatd. fatty acid of sesame and an alkali synthetic extract of Ganoderma lucidum Karst. as an active ingredients, wherein the unsatd. fatty acid is one component of protein, amino acid, methionine, substrate, calcium component, aspartic acid, serine, glutamine, alanine and aminobutyric acid.

L8 ANSWER 9 OF 149 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:894036 CAPLUS
DOCUMENT NUMBER: 142:162550
TITLE: Antivirus agent and anticancer drug
INVENTOR(S): Son, Nam Youl
PATENT ASSIGNEE(S): S. Korea
SOURCE: Repub. Korean Kongkae Taeho Kongbo, No pp. given
CODEN: KRXXA7
DOCUMENT TYPE: Patent
LANGUAGE: Korean
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
KR 2001089925	A	20011017	KR 2000-12577	20000313 <--
PRIORITY APPLN. INFO.:			KR 2000-12577	20000313 <--

AB An antivirus agent and an anticancer drug are provided, which have anti-bacteria, anticancer and protection effects by restraining retrovirus, bacteria, fungi and other microorganisms of adult T-cell diabetes, AIDS virus, etc., therefore it can be used as an antivirus agent, an anticancer drug, an anti-bacteria agent, a bactericide, and a pesticide without side effects. Active principles are induced from unsatd. fatty acid by carefully selecting and washing sesame, drying with moisture 15%, and pressuring and extracting without heating, and induced from alkali solution by carefully selecting and washing Rumex japonicus HOUTT, drying in the sun, and extracting in hot water. The composite extraction is obtained from the alkali solution

and the unsatd. fatty acid at a ratio of about 1:1 to 1:5. In the extracting process, the amount of water is 5-1000 times of Rumex japonicus HOUTT weight and it is processed at 70-100° for 5 min to 10 h. In which, as an antivirus agent, the unsatd. fatty acid is one among protein, amino acid, methionine and calcium, and the alkali solution is one among musizin(nepodin), chrysophanicacid, emodin, chrysophanothrone, tannin and vitamin A. As an anticancer drug, the unsatd. fatty acid is one among protein, amino acid, methionine and calcium, and the alkali solution is one among flavonoidglycoside, stigmaste-rol, β -sitosterol campesterol, oleanolic acid (harmaine) and tetrahydro carboline.

L8 ANSWER 10 OF 149 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:894035 CAPLUS
DOCUMENT NUMBER: 142:162549
TITLE: Antivirus agent and anticancer drug
INVENTOR(S): Son, Nam Youl
PATENT ASSIGNEE(S): S. Korea

SOURCE: Repub. Korean Kongkae Taeho Kongbo, No pp. given
 CODEN: KRXXA7
 DOCUMENT TYPE: Patent
 LANGUAGE: Korean
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
KR 2001089923	A	20011017	KR 2000-12575	20000313 <--
PRIORITY APPLN. INFO.:			KR 2000-12575	20000313 <--

AB An antiviral agent and an anticancer drug are provided, which have anti-bacteria, anticancer and protection effects by restraining retrovirus, bacteria, fungi and other microorganisms of adult T-cell diabetes, AIDS virus, etc., therefore it can be used as an antiviral agent, an anticancer drug, an anti-bacteria agent, a bactericide, and a pesticide without side effects. Active principles are induced from unsatd. fatty acid by carefully selecting and washing sesame, drying with moisture 15%, and pressuring and extracting without heating, and induced from alkali solution by carefully selecting and washing pumpkin, drying in the sun, and extracting in hot water. The composite extraction is obtained from the alkali solution and the unsatd. fatty acid at a ratio of about 1:1 to 1:5. In which the unsatd. fatty acid is one among protein, amino acid, methionine and calcium, and the alkali solution is one among sucrose, glucose, nicotinic acid, kalium, calcium and sodium.

=> s salt of fatty acid
 799537 SALT
 619301 SALTS
 1190740 SALT
 (SALT OR SALTS)
 380807 FATTY
 14 FATTIES
 380811 FATTY
 (FATTY OR FATTIES)
 4356028 ACID
 1570124 ACIDS
 4853113 ACID
 (ACID OR ACIDS)
 L9 3641 SALT OF FATTY ACID
 (SALT(1W)FATTY(W)ACID)

=> s viral or virus
 169354 VIRAL
 16 VIRALS
 169366 VIRAL
 (VIRAL OR VIRALS)
 360011 VIRUS
 76142 VIRUSES
 373487 VIRUS
 (VIRUS OR VIRUSES)
 L10 409417 VIRAL OR VIRUS

=> s L9 and L10
 L11 8 L9 AND L10

=> dup rem L11
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 L12 8 DUP REM L11 (0 DUPLICATES REMOVED)

=> s L12 and (AY<2002 or PY<2002 or PRY<2002)
 L13 8 S L12

4167925 AY<2002
21882635 PY<2002
3645085 PRY<2002

L14 6 L13 AND (AY<2002 OR PY<2002 OR PRY<2002)

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L14 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:162039 CAPLUS

DOCUMENT NUMBER: 142:246191

TITLE: Formulations for counteracting infection of mucosa or skin

INVENTOR(S): Thormar, Halldor; Kristmundsdottir, Thordis

PATENT ASSIGNEE(S): Iceland

SOURCE: U.S. Pat. Appl. Publ., 26 pp., Cont.-in-part of U.S. Ser. No. 297,921.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005043402	A1	20050224	US 2003-408235	20030408 <--
WO 9820872	A1	19980522	WO 1997-DK524	19971114 <--
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 6596763	B1	20030722	US 1999-297921	19991216 <--
PRIORITY APPLN. INFO.:			IS 1996-4386	A 19961114 <--
			WO 1997-DK524	W 19971114 <--
			US 1999-297921	A2 19991216 <--

OTHER SOURCE(S): MARPAT 142:246191

AB The present invention relates to a method for preventing infection of the genital mucosa of a mammal by virus, pathogenic bacteria or fungi, comprising topically administering, to the genital mucosa of the mammal, an effective amount of a formulation comprising a hydrogel which comprises a microbicidal lipid as an active ingredient, a water gelling agent and a solubilizing agent. The microbicidal lipid is preferably a C6-18 fatty acid or salts, fatty acid monoglycerides, fatty acid esters of monohydric alcs., fatty alcs. or fatty alc. monoglyceride. Thus, a formulation contained Glycofurol-75 30, CM cellulose sodium 2, and Povidone K30 1.0%, water 25 g, and monocaprin 10 mM.

=> s unsaturated

56753 UNSATURATED

1 UNSATURATEDS

56754 UNSATURATED

(UNSATURATED OR UNSATURATEDS)

226879 UNSATD

13 UNSATDS

226882 UNSATD

(UNSATD OR UNSATDS)

L15 241787 UNSATURATED

(UNSATURATED OR UNSATD)

=> s L14 and L15
L16 1 L14 AND L15

=> d 1 ibib abs

L16 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1994:621980 CAPLUS
DOCUMENT NUMBER: 121:221980
TITLE: Unsaturated fatty acids for the treatment of
viral infections
INVENTOR(S): Horrobin, David Frederick; Winther, Michael David
PATENT ASSIGNEE(S): Scotia Holding PLC, UK
SOURCE: Eur. Pat. Appl., 10 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 615752	A1	19940921	EP 1994-301654	19940309 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
ZA 9401471	A	19940927	ZA 1994-1471	19940302 <--
AU 9457585	A	19940915	AU 1994-57585	19940307 <--
CA 2117214	A1	19940910	CA 1994-2117214	19940308 <--
NO 9400810	A	19940912	NO 1994-810	19940308 <--
JP 07002663	A	19950106	JP 1994-37108	19940308 <--
CN 1100931	A	19950405	CN 1994-102459	19940309 <--
PRIORITY APPLN. INFO.:			GB 1993-4746	A 19930309 <--

AB A method of treating viral infections, in particular retroviral infections, especially those with the HIV group of viruses, by destroying virus-infected cells in the body through administration of unsatd. fatty acids, particularly as Li salts, is described. The preferred fatty acids include Li salts of γ -linolenic acid, dihomo- γ -linolenic acid, eicosapentaenoic acid, and docosaheptaenoic acid.

=> s octadecenol or eicosenol or docosenol or tetracosenol or hexacosenol
181 OCTADECENOL
6 OCTADECENOLS
187 OCTADECENOL
(OCTADECENOL OR OCTADECENOLS)
68 EICOSENOL
1 EICOSENOLS
69 EICOSENOL
(EICOSENOL OR EICOSENOLS)
52 DOCOSENOL
3 DOCOSENOLS
54 DOCOSENOL
(DOCOSENOL OR DOCOSENOLS)
18 TETRACOSENOL
1 HEXACOSENOL
L17 261 OCTADECENOL OR EICOSENOL OR DOCOSENOL OR TETRACOSENOL OR HEXACOS
ENOL

=> s L6 and L17
L18 0 L6 AND L17

=> s L17 and L14
L19 1 L17 AND L14

=> d 1 L19 ibib abs

L19 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:42034 CAPLUS

DOCUMENT NUMBER: 138:83342

TITLE: Antiviral composition and treatment method for virus-induced and inflammatory diseases of skin and membranes using C18 to C24 monounsaturated alcohols

INVENTOR(S): Brown, James H.; Kleiman, Robert

PATENT ASSIGNEE(S): International Flora Technologies, Ltd., USA

SOURCE: PCT Int. Appl., 42 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003003833	A1	20030116	WO 2002-US19673	20020619 <--
W: CA, JP				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
US 2003018074	A1	20030123	US 2001-899432	20010706 <--
CA 2423659	A1	20030116	CA 2002-2423659	20020619 <--
EP 1401275	A1	20040331	EP 2002-782485	20020619 <--
EP 1401275	B1	20060906		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
JP 2005519855	T	20050707	JP 2003-509858	20020619 <--
AT 338459	T	20060915	AT 2002-782485	20020619 <--
PRIORITY APPLN. INFO.:			US 2001-899432	A 20010706 <--
			WO 2002-US19673	W 20020619

OTHER SOURCE(S): MARPAT 138:83342

AB Presented is a composition, and method thereof, that is useful for the treatment of various viral infections and inflammatory diseases of skin and membranes. The method may be carried out using compns. comprising alcs. of the general formula R_1CH_2OH [$R_1 = CH_3-(CH_2)_7-CH=CH-CH_2-(CH_2)_x$, $x = 6, 8, 10, 12$], or comparable compns. that may also include other physiol. active constituents that do not interfere with the efficacy of the primary composition of the present invention. The compns. according to the present invention may further comprise salts of long chain fatty acids and/or mixed chain esters and unreacted wax esters. The compns. may be obtained by the base catalyzed alcoholysis reaction between a wax ester and an alkyl alc. or hydrolysis reaction of wax esters.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT